

An02DE

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Summary

Electric machine

Electric machine with a rotor (3, 53) and a stator (7, 57), in which electric coils (6, 56) and permanent magnets (5) are located which influence each other when the rotor revolves, where the rotor (3, 53) contains the magnets (5) and the stator contains the coils (6, 56) and the coils (6, 56) do not have an iron core and at least one section of the coils extends transversely across the circumference of the rotor, where the coils (6, 56) are fitted in the stator (7, 57) individually and are bent in such a way that they extend on both sides of the rotor (3, 53) and enclose the magnets (5) located in the rotor to a large extent.

Fig.1